



Material Safety Data Sheet

SECTION 1: PRODUCT NAME AND COMPANY INFORMATION

Product Name: Vibra-Tite VC3
Product Number: 120500211
Issue Date: May 25, 2011
Manufactured By:
 ND Industries, Inc.
 1893 Barrett Road
 Troy, MI 48084
 (248) 288-0000

Supersedes Date: June 27, 2007
Distributed By:
 Coburn Technologies
 55 Gerber Road
 South Windsor, CT 06074
 Telephone: (800) 262-8761

24-Hour Emergency Contact Number (North America): 800-255-3924
24-Hour Emergency Contact Number (International): 813-248-0585

SECTION 2: COMPOSITION

Components	CAS#	%	OSHA PEL	ACGIH TLV	OTHER
Acrylic polymer (contains toluene) VTB-07-409	not assigned	20-25	n.a.	n.a.	Non-hazardous
Acrylic polymer VTB-07-08	not assigned	12-18	n.a.	n.a.	Non-hazardous
Methyl ethyl ketone	78-93-3	62-72	200 ppm	200 ppm	

All ingredients are listed on the TSCA Inventory. n.a.= not applicable / n.e.=not established

SECTION 3: Physical and Chemical Properties

BOILING POINT: approx. 80°C

VAPOR DENSITY: 2.49

air = 1

VOC #/gal. : 5.838

VAPOR PRESSURE: 83 mmHg at 75°F

DENSITY OF COATING: 7.67

MELTING POINT: n.a.

SPECIFIC GRAVITY: 0.92

water = 1

EVAPORATION RATE: 6.31

Butyl Acetate

WATER REACTIVE: n.a.

SOLUBILITY IN WATER: 16.32% @ 20°C

APPEARANCE AND ODOR: Pinkish orange, viscous liquid with non-residual, "solvent-like" odor.

SECTION 4: Fire and Explosion Hazard

FLASH POINT: 24.8°F TCC -28.4°C TOC

AUTOIGNITION TEMPERATURE: approx. 860°F

FLAMMABILITY LIMITS % IN AIR: LEL: 1.8 @77°F UEL: 11.5 @77°F

EXTINGUISHER MEDIA: Use water spray, carbon dioxide, dry chemicals and/or foam.

SPECIAL FIREFIGHTING PROCEDURES: Wear a MSHA/NIOSH approved self-contained breathing apparatus with full face piece operated in pressure-demand or other positive pressure mode when fighting fires.

UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID: Vapors will creep along floors, stairs, etc... as well as by air currents. Any spark, open flame or strong heat source will ignite vapors and source. Combustion yields oxides of carbon.

SECTION 5: Stability and Reactivity

STABILITY: **stable: X** **unstable:**

HAZARDOUS POLYMERIZATION: **may occur:** **will not occur: X**

CONDITIONS TO AVOID: This material is considered stable. However, avoid all sources of ignition, fire, heat etc...

INCOMPATIBILITY: Avoid contact with the following: acids, amines, bases, oxidizing agents, halogens and molten sulfur.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield acrylic monomers.

SECTION 6: Health Hazard Data

EYE CONTACT: Can cause severe eye irritation, if not removed promptly. May result in permanent eye damage.

FIRST AID: Flush eyes with generous amounts of water for 15 minutes lifting both upper and lower eyelids occasionally. Get medical attention.

SKIN CONTACT: Prolonged contact may cause moderate skin irritation and dermatitis.

FIRST AID: Thoroughly wash exposed area with soap and water. Remove contaminated clothing including shoes. Launder before reuse. If irritation occurs, seek medical attention.

INHALATION: Vapor concentrations above exposure levels are irritating to the respiratory tract. May cause headaches, dizziness, and are an anesthetic and may have other central nervous system effects.

FIRST AID: Remove individual to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.

INGESTION: Small amounts of this material aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchiopneumonia or pulmonary edema.

FIRST AID: Do NOT induce vomiting. Immediately drink two glasses of water and get medical attention.

CHRONIC EFFECTS: Long term exposure at high concentrations may lead to CNS Depression.

Carcinogenic: This products components contain xylene, ethylbenzene, and trace amounts of benzene which are listed as OSHA regulated carcinogens.

Component	Oral LD50	Dermal LD50	Inhalation LC50
Acrylic polymer	>5000 mg/Kg (rat)	>3000 mg/Kg (rabbit)	not determined
Acrylic polymer	not determined	not determined	not determined
Methyl ethyl ketone	2.9 g/kg (rat)	> 5g/kg (rabbit)	> 5000 ppm (rat)

SECTION 7: Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: Work in a well ventilated area. For high concentrations use a NIOSH/MSHA approved respirator to prevent overexposure.

PROTECTIVE GLOVES: Use latex gloves for minor contact. For excessive or prolonged contact use rubber or neoprene.

EYE PROTECTION: Wear NIOSH approved safety glasses with sideshields or chemical splash goggles if contact is likely.

VENTILATION TO BE USED: **LOCAL EXHAUST: X** **MECHANICAL:** **SPECIFIC:**
OTHER (specify): Use explosion proof ventilation.

PROTECTIVE CLOTHING AND EQUIPMENT: Wear impervious clothing to prevent repeated, prolonged skin contact.

HYGIENIC WORK PRACTICES: Practice careful chemical handling and good personal hygiene when working with our product. Wash hands after using product.

SECTION 8: Precautions for Safe Handling and Spill/Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Immediately extinguish all sources of ignition until area is free of explosive hazard. Absorb material on inert filler and place in a sealed container suitable for disposal. Prevent material

from entering sewers, watercourses or low areas.

WASTE DISPOSAL METHODS: This material when determined to be a waste will be a hazardous waste by characteristic of ignitability (D001) and/or characteristic of toxicity (D035) according to CFR40, 261 Subpart C.

SAFE HANDLING AND STORAGE: Avoid breathing product vapors. Keep product away from all sources of ignition, heat or flame. Keep container closed when not in use. Store material in a cool, dry place.

OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:
Containers of this product may be hazardous when emptied, since they contain product residue, observe all precautions.

RECOMMENDED NFPA/HMIS Rating: **HEALTH 2 FLAMMABILITY 3 REACTIVITY 0 PERSONAL C PROTECTION**
note: ratings may differ according to application, environment, and physical state.

SECTION 9: Other Information:

DOT Shipping Name:
Coating solution
3, UN1139, PGI
WHMIS Identification: Class B, Division 2

SECTION 313 SUPPLIER NOTIFICATION

Detaching this notification from the Material Safety Data Sheet is prohibited by law and any copying or distribution of same requires this attachment be included.

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

CAS #	CHEMICAL NAME	% BY WEIGHT
78-93-3	Methyl ethyl ketone	62

This product contains the following materials that under California Proposition 65 of the Safe Drinking Water and Toxic Enforcement Act of 1986 are recognized to cause cancer or reproductive toxicity.

Material	CAS#	%	Cancer Agent	Reproductive Toxin	Cancer & Reproductive Agent Toxin
Toluene	108-88-3	13.5		X	
Benzene	71-43-2	trace	X		
Acrylonitrile	107-13-1	trace		X	

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